

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SG2004/000416

A. CLASSIFICATION OF SUBJECT MATTER Int. Cl. ⁷ : C12Q 1/68 C12N 15/50 According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) See electronic data base Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched See electronic data base Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WPIDS, Medline, Caplus, Biosis, Biotechabs: SARS, severe acute respiratory, PCR, amplify, identif?, primer?, nsp1, non structural protein CAS-Registry, Dgene: SEQ ID NOS: 3, 4, 6, 7, 9, 10					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.			
X	Ruan et al (2003) 'Comparative full-length genome sequence analysis of 14 SARS coronavirus isolates and common mutations associated with putative origins of infection' The Lancet. Vol 361(9371): 1779-1785' (see the whole document including appendices)	1, 7, 8, 11-18			
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex					
<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> * Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed </td> <td style="width: 33%; vertical-align: top;"> "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family </td> <td style="width: 33%;"></td> </tr> </table>			* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family	
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family				
Date of the actual completion of the international search 5 April 2005		Date of mailing of the international search report 11 APR 2005			
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustalia.gov.au Facsimile No. (02) 6285 3929		Authorized officer LEXIE PRESS Telephone No : (02) 6283 2677			

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 2004085455 A1 (THE UNIVERSITY OF HONG KONG) 7 October 2004 (see in particular page 41, line 27 to page 15, line 13)	1
P, X	WO 2004099440 A1 (CAPITAL BIOCHIP COMPANY, LTD et al.) 14 November 2004 (see in particular page 22, line 17 to page 24)	1
P, X	WO 2005005658 A1 (CAPITAL BIOCHIP COMPANY, LTD et al.) 20 January 2005 (see in particular pages 51 and 52)	1
A	Snijder et al. (2003) 'Unique and conserved features of genome and proteome of SARS-coronavirus, and early split-off from the coronavirus group 2 lineage' Journal of Molecular Biology. Vol 331: 991-1004 (see in particular page 994, 2 nd column, lines 33-37)	1-23
A	Yam et al. (2003) 'Evaluation of reverse transcription-PCR assays for rapid diagnosis of severe acute respiratory syndrome associated with a novel coronavirus' Journal of Clinical Microbiology. Vol 41(10): 4521-4524 (see the whole document)	1-23
A	Poon et al. (2003) 'Rapid diagnosis of a coronavirus associated with severe acute respiratory syndrome (SARS)' Clinical Chemistry. Vol 49(6): 953-955 (see the whole document)	1-23

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member	
WO 2004085455	US 2005009009	WO 2004085633	WO 2004085650
WO 2004099440			
WO 2005005658			
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.			
END OF ANNEX			